

O I P E  
FEB 06 2001

**DECLARATION AND POWER OF ATTORNEY**

I, CHRISTOPHER L. AARDAHL, declare that I am a citizen of the United States of America, residing at Richland, Washington, and that I believe I am one of the original, first, and joint inventors together with MARI LOU (NMI) BALMER-MILLER, ASHOK (NMI) CHANDA, CRAIG F. HABEGER, KENT A. KOSHKARIAN AND PAUL W. PARK of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND SYSTEM FOR THE COMBINATION OF NON-THERMAL PLASMA AND METAL/METAL OXIDE DOPED Y-ALUMINA CATALYSTS FOR DIESEL ENGINE EXHAUST AFTERTREATMENT SYSTEM**

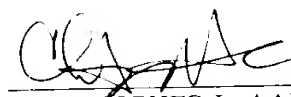
the specification of which was filed in the United States Patent and Trademark Office on November 8, 2000, as Application No. 09/708,863.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint John W. Morrison, Patent Office Reg. No. 44,245, telephone (309) 494-1815, Joseph W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, Robert J. Hampsch, Patent Office Reg. No. 36,155, telephone (309) 675-5214, and R. Carl Wilbur, Patent Office Reg. No. 36,056, telephone (309) 675-5847, and Randall L. Shoemaker, Patent Office Reg. No. 43,118, telephone (248) 723-0425, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: John W. Morrison, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
CHRISTOPHER L. AARDAHL  
Post Office Address:  
2756 Willowbrook Avenue  
Richland, Washington 99352

12/12/2000  
Date

FILED  
FEB 06 2001

## DECLARATION AND POWER OF ATTORNEY

*A.M. 12-15-00*  
I, MARI LOU (NMI) BALMER-MILLER, declare that I am a citizen of the United States of America, residing at West Richland, Washington, and that I believe I am one of the original, first, and joint inventors together with CHRISTOPHER L. AARDAHL, ASHOK (NMI) CHANDA, CRAIG F. HABEGER, KENT A. KOSHKARIAN AND PAUL W. PARK of the subject matter which is claimed and for which a patent is sought on the invention entitled

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*Mari Lou Balmer-Miller*  
MARI LOU (NMI) BALMER-MILLER

Date

Post Office Address:

89510 North Harrington Road  
West Richland, Washington 99353

*12-15-00*

PIPE  
FEB 06 2001

## DECLARATION AND POWER OF ATTORNEY

I, ASHOK (NMI) CHANDA, declare that I am a citizen of the United States of America, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with CHRISTOPHER L. AARDAHL, MARI LOU (NMI) BALMER-MILLER, CRAIG F. HABEGER, KENT A. KOSHKARIAN AND PAUL W. PARK of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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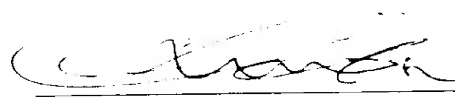
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 12/12/00  
\_\_\_\_\_  
Date

ASHOK (NMI) CHANDA  
Post Office Address:  
5825 N. Orchard Drive  
Peoria, Illinois 51614-3801



**DECLARATION AND POWER OF ATTORNEY**

I, CRAIG F. HABEGER, declare that I am a citizen of the United States of America, residing at West Richland, Washington, and that I believe I am one of the original, first, and joint inventors together with CHRISTOPHER L. AARDAHL, MARI LOU (NMI) BALMER-MILLER, ASHOK (NMI) CHANDA, KENT A. KOSHKARIAN AND PAUL W. PARK of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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 02/02/00  
CRAIG F. HABEGER Date  
Post Office Address:  
2701 Briarwood Lane  
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FEB 06 2001

## DECLARATION AND POWER OF ATTORNEY

I, KENT A. KOSHKARIAN, declare that I am a citizen of the United States of America, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with CHRISTOPHER L. AARDAHL, MARI LOU (NMI) BALMER-MILLER, ASHOK (NMI) CHANDA, CRAIG F. HABEGER AND PAUL W. PARK of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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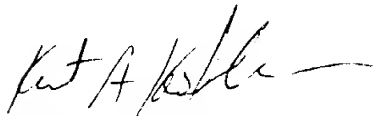
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KENT A. KOSHKARIAN

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OFFICE  
FEB 06 2001

## DECLARATION AND POWER OF ATTORNEY

I, PAUL W. PARK, declare that I am a citizen of the United States of America, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with CHRISTOPHER L. AARDAHL, MARI LOU (NMI) BALMER-MILLER, ASHOK (NMI) CHANDA, CRAIG F. HABEGER AND KENT A. KOSHKARIAN of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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Paul W. Park 12-12-02  
PAUL W. PARK Date

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